

SNC Reference Number (enter if previously assigned)
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080139

PROJECT SUMMARY

County: El Dorado County

Applicant: Georgetown Divide Resource Conservation District

Project Title: Fannon Lake Restoration and Habitat Improvement Project

PROJECT GOAL

Restore a valuable economic and natural watershed resource by restoring Fannon Lake back to its original operating capacity of 350 acre-feet while enhancing fishery and aquatic habitats, improving wetland habitat, improving upland forested habitats, and securing a sustainable water supply to combat wildfires.

PROJECT SCOPE

The Fannon Lake Recreation Area and the surrounding project site are 55 acres in size. The lake was constructed using a hydraulic fill placement method in 1905 by PG&E. In 1956 the facility was purchased by the Department of Fish and Game and maintained as a cooperative El Dorado County/Wildlife Conservation Board project. In 1990, the Division of Safety of Dams (DSOD) evaluated the seismic stability of the embankment and found the hydraulic fill material could liquefy if subjected to a Maximum Credible Earthquake. In 1997, the Mosquito Volunteer Fire Association (MVFA) purchased the facility (\$1). The lake is presently operating under a storage restriction of 50 acre feet. Restoration involves reconstruction of the embankment, restoring 350 acre-feet of water storage, enhancement of fishery and aquatic habitat, improving 5.5 acres of wetland habitat, improving 5.9 acres of forested habitat and securing a sustainable water supply to combat wildfires. Indirect benefits include supporting beneficial uses such as public access, camping, swimming, fishing, hiking, boating and other uses associated with the facility that are currently not supported. Project partners include the following: EDC Fish & Game Commission, Community coordination and volunteer organization; International Union of Operating Engineers: On-site job training and labor force; DWR: Red-Legged Frog Survey & wetland delineations; USFS: Red-Legged Frog Surveys & fish rescue & relocation assistance; NRCS: wetland delineation; Department of Conservation: environmental permit coordination; High Sierra RC&D: Archeology surveys, forest stand improvement; El Dorado County RCD: Storm Water Prevention Pollution Plan and monitoring; MVFA: community involvement and outreach.

LETTERS OF SUPPORT

CA Senator Dave Cox, First District; CA Assemblyman Ted Gains, Assembly District 4; El Dorado County Supervisors: Helen Baumann, Supervisor District II; Ron Briggs, Supervisor District IV; James R. "Jack" Sweeney, Supervisor District III; Rusty Dupray, Supervisor District I; El Dorado County Water Agency; El Dorado Irrigation District; Mosquito Volunteer Fire Association; El Dorado County CAO-Economic Development Department; International Union of Operating Engineers - Job Corps Training Program; CABY (Cosumnes, American, Bear & Yuba Integrated Regional Water Mgmt.; El Dorado County Fish & Game Commission; CA Wildlife Conservation Board; El Dorado County Resource Conservation District; Department of Water Resources Division of Safety of Dams (DSOD); Department of Water Resources Assessment Branch; California Department of Forestry & Fire Protection (CALFIRE); Department of Conservation, Division of Land Resource Protection; Sierra Economic Development

corporation (SEDCorp); High Sierra Resource Conservation & Development Area (HSRC&D); USDA, Natural Resources Conservation Service (NRCS); Eldorado National Forest (USFS); Trout Unlimited, SAC-Sierra Chapter

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Task 1: Administration	5/2009 – 4/2012
Task 2: Environmental Monitoring	5/2009 – 4/2012
Task 3: Fish Rescue and Relocation	5/2009 – 6/2009
Task 4: Removal of Existing Embankment	6/2009 – 8/2009
Task 5: Foundation & Core Treatment	8/2009 – 5/2010
Task 6: Fishery Habitat Improvements	8/2009 – 5/2010
Task 7: Reconstruction of Embankment	5/2010 – 9/2010/ 5/2011 – 9/2011
Task 8: Healthy Forest Restoration	8/2009, 11/2009 – 2/2010, 11/2010 – 2/2011)
Task 9: Supply 350 acre feet of water to Fannon Lake	10/2011 – 4/2012

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Task 1: Project Administration. Six-month progress reports, draft & final reports, 500 quarterly newsletters, media articles, community meetings, project site tours. (RCD: 36 months @ 40 hours/ month @ \$60/hour = \$86,000) Match=\$26,000. SNC contribution includes 1% contribution to CABY IRWMP=\$6,100.	\$60,000.00
Task 2: Environmental Monitoring. (RCD: 36 months @ 20 hours/ month @ \$60/hour = \$43,200) Match=\$13,200	\$30,000.00
Task 3: Fish Rescue and Relocation. Fishing derby and seine netting. (20 volunteers @ \$18/hr @ 80 hours = \$28,800). Match = \$28,800	\$20,000.00
Task 4, 5, 6, 7, 8: Construction Implementation: Labor. (International Union of Operating Engineers Job Corps Training Project: 12 Corps workers @ \$18/hr @ 29 months @ 120 hours/month = \$751,680) Match=\$751,680.	\$100,000.00
Task 4, 5, 6, 7, 8: Construction Implementation: Materials.	\$275,000.00
Task 4, 5, 6, 7: Construction Administration (Onsite Engineering)	\$125,000.00
SNC GRANT TOTAL	\$610,000.00